

Claims

1. An aqueous resin dispersion composition prepared by neutralizing an acid-modified chlorinated polyolefin with a basic substance and dispersing the
5 neutralized acid-modified chlorinated polyolefin in water.

2. The composition according to Claim 1, wherein the acid-modified chlorinated polyolefin is prepared by graft-copolymerizing at least one member selected from the group consisting of α,β -unsaturated carboxylic acids and
10 acid anhydrides thereof with at least one member selected from the group consisting of polypropylene and propylene- α -olefin copolymers in a proportion of 0.1 to 10 wt.% based on the at least one member selected from the group consisting of polypropylene and propylene- α -olefin
15 copolymers.

3. The composition according to Claim 1, wherein the acid-modified chlorinated polyolefin has a chlorine content of 15 to 35 wt.%.

4. The composition according to Claim 1, wherein
20 the acid-modified chlorinated polyolefin has a weight-average molecular weight of 10000 to 150000.

5. The composition according to Claim 1, wherein the basic substance is at least one member selected from the group consisting of morpholine, ammonia and amines.

25 6. A process for producing an aqueous resin

dispersion composition comprising the steps of:

dissolving an acid-modified chlorinated
polyolefin in an ethereal solvent;

adding a basic substance to the acid-modified
5 chlorinated polyolefin to neutralize;

adding water to disperse the neutralized acid-
modified chlorinated polyolefin therein; and

removing the ethereal solvent.

7. The process according to Claim 6, wherein the
10 acid-modified chlorinated polyolefin is prepared by graft-
copolymerizing at least one member selected from the group
consisting of α,β -unsaturated carboxylic acids and acid
anhydrides thereof with at least one member selected from
the group consisting of polypropylene and propylene- α -
15 olefin copolymers in a proportion of 0.1 to 10 wt.% based
on the at least one member selected from the group
consisting of polypropylene and propylene- α -olefin
copolymers.

8. The process according to Claim 6, wherein the
20 acid-modified chlorinated polyolefin has a chlorine
content of 15 to 35 wt.%.

9. The process according to Claim 6, wherein the
acid-modified chlorinated polyolefin has a weight-average
molecular weight of 10000 to 150000.

25 10. The process according to Claim 6, wherein

the ethereal solvent is at least one member selected from the group consisting of tetrahydrofuran, propylene glycol monomethyl ether, propylene glycol monoethyl ether and propylene glycol monopropyl ether.

- 5 11. The process according to Claim 6, wherein the basic substance is at least one member selected from the group consisting of morpholine, ammonia and amines.